

Wichita Bicycle Master Plan 2015 Annual Implementation Progress Report

Version: 07/06/2016

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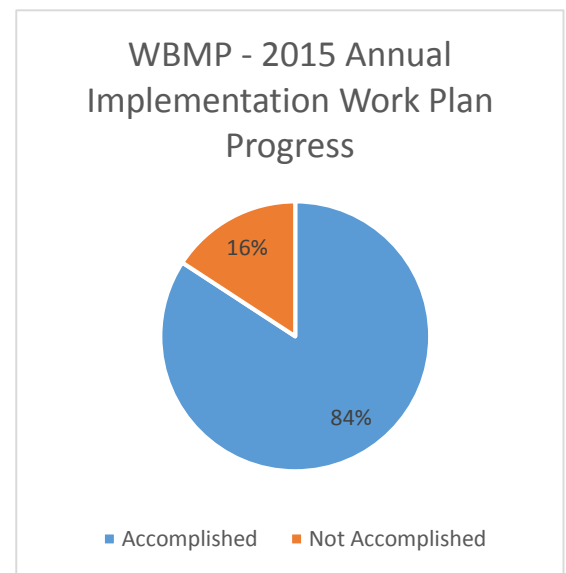
Introduction

This annual implementation progress report highlights the progress made in achieving the performance measures laid out in the Wichita Bicycle Master Plan (Plan). The Wichita City Council endorsed the Plan on February 5, 2013. The Plan is a ten-year guide for the development and implementation of bicycle projects and programs for the City. The Plan was created with the input of over 4,000 individuals through surveys; volunteer committees; and community events. It includes goals, objectives, actions, priorities, and performance measures to improve bicycling in Wichita. Strategy 30 of the Plan recommends that the City establish and report performance measures to monitor progress implementing the Plan.

2015 Annual Work Plan Performance

The Wichita Bicycle Master Plan recommends (Strategy 29) that the City develop an annual implementation work plan and seek approval of it by the Wichita Bicycle and Pedestrian Advisory Board. The annual work plan provides an opportunity to divide the 10-year Plan in to actions that can be tackled in a given year. It helps to ensure year to year progress implementing the Plan. At the end of the year, the Plan recommends that the City develop an annual implementation report to evaluate and reflect on the progress made to date.

In 2015, the City developed an annual work plan that was approved by the Wichita Bicycle and Pedestrian Advisory Board at their meeting on April 13, 2015. That work plan identified approximately 27 different action goals for the City. Of those action goals, approximately 18 of them were accomplished.



Wichita Bicycle Master Plan 2015 Implementation Work Plan Action Targets	Status
Develop Wichita Wayfinding System Plan	Accomplished
Create Wichita Street Safety Education Information	Accomplished
Organize Wichita LCI Training	Accomplished
Develop Wichita Bicycle Master Plan Annual Implementation Work Plan	Accomplished
Apply for LAB Bicycle Friendly Community designation	Accomplished
Publish Wichita Bicycle Master Plan Annual Progress Report	Accomplished
Write and distribute Wichita Bicycling and Walking Newsletters	Accomplished
Coordinate Wichita New Bikeways Community Outreach	Accomplished
Update bicycling website	Accomplished
Write bikeway projects before and after comparison	Accomplished
Submit Knight Cities Grant – bicycle wayfinding improvements project	Accomplished
Apply for Wichita Community Foundation grant funding for bicycle wayfinding	Not accomplished
Submit Kansas Health Foundation grant application – bicycle facility design training	Accomplished
Apply for Sunflower Foundation Trails Grant	Not accomplished
Submit a request for CIP funding to construct on- and off-street bicycle facilities	Accomplished
Submit a request for CIP funding for maintenance of bicycle facilities	Accomplished
Submit a request for CIP funding to install bicycle wayfinding	Accomplished
Submit a request for CIP funding to install bicycle parking	Accomplished
Submit a request for CIP funding to improve crossings	Accomplished
Apply for KDOT safety funding for bicycle safety education and equipment	Accomplished
Draft Prairie Sunset Trail construction MOU with Prairie Travelers	Accomplished
Install 4 bicycle racks	Accomplished
Finalize an MOU for maintenance of bikeways	Not accomplished
Host 1 community bicycle event	Not accomplished
Offer 2 LAB bicycling courses	Accomplished
Install 7 miles of bike lanes ⁱ	Accomplished
Install 15 miles of shared lane markings ⁱⁱ	Not accomplished
Install 3.5 miles of shared use paths ⁱⁱⁱ	Accomplished
Install 0.5 miles of side paths ^{iv}	Accomplished
Design 5 miles of on-street bicycle facilities ^v	Accomplished
Make improvements to 10 arterial crossings	Accomplished
Submit a budget request for City funding to maintain new on- and off-street bicycle facilities	Accomplished
Review 2016 street maintenance locations with Multi-Modal Committee	Accomplished
Research crash reports	Accomplished
Participate in youth outreach activities – provide education and encouragement	Accomplished
Develop Police Department officer training module for safe streets (people bicycling, driving, and walking)	Accomplished
Apply/seek funding to improve bicycle access to transit stops	Not accomplished
Distribute bicycle maps at library locations	Accomplished

Overview Table

Below is a table that quickly shows the 2014 performance implementing the Wichita Bicycle Master Plan. The table includes the following elements listed below.

Strategy/Goal: this is the goal or strategy number from the Wichita Bicycle Master Plan.

Performance measure: this is the performance measure identified in the Wichita Bicycle Master Plan.

Performance target: this is the performance target identified in the Wichita Bicycle Master Plan.

2014 performance: this is the assessment of the City's performance achieving the performance target. This report uses the following status codes.

- Below target
- On target
- Completed
- Inconclusive – data needed

Goal	Performance Measure	Performance Target	2015 Performance
1.	Increase the amount of bicycling	Triple the amount of bicycling by the year 2023	Below target
2.	Improve the safety of bicyclists in Wichita	Reduce the rate of bicycle crashes by one third by the year 2023	On target
3.	Foster and promote a culture where bicycling is a viable and acceptable form of transportation	Increase by 50 percent the number of Wichita resident survey respondents that rate the ease of bicycle travel in Wichita as good or excellent, by the year 2023.	Inconclusive - data needed

Strategy	Performance Measure	Performance Target	2015 Performance
1	Number of miles of new facilities installed	Average 15 miles per year	On target
2.	Number of miles of signed bicycle routes	Average 20 miles per year	On target
3.	Number of roadway crossing improvements	Average of 2 crossing improvements per year	On target

4.	Number of locations with improved bicycle access	Average of two (2) per year	Below target
5.	Number of bike racks installed	Average of 25 bike racks per year	Below target
6.	Complete Bike Share Study	Complete the study	Below target
7.	Maintain existing bike lanes	Sweep on-street bicycle facilities coincident with the sweeping of the streets where they are located	On target
7.	Maintain existing on-street bikeway markings	Inspect and repaint on-street bicycle facilities as needed; or repaint bike lanes coincident with the repainting of other pavement markings on the streets.	On target
7.	Update existing bikeways	1 major maintenance project per year in the CIP	Below-target
8.	Incorporate WBMP facility recommendations into other plans	TBD	On-target
9.	Develop printed bicycle map	Develop printed bicycle map by 2015	Above target
9.	Develop online wayfinding map	Develop online wayfinding map by 2018	Above target
10.	Number of trainings held each year	Minimum of 1 professional training per year	Above target
10.	Number of educational events held each year	Two (2) public events per year	Below target
11.	Growth of community-wide bicycling events per year	Bicycling events grow each year	Below target
11.	Number of Effective Cycling Instructors (League Certified Instructors) in Wichita	Average of one (1) new LCI instructor per year	Above target
12.	Number of grant applications for bicycle education and enforcement programs	Support a minimum of two (2) funding applications per year	Below target
13.	Consensus between Wichita Bicycle and Pedestrian Advisory Board, City staff, and WPD on enforcement priorities	Meeting memo that outlines a consensus on enforcement priorities	Below target
14.	Number of schools actively encouraging children to bike to school	Add two (2) schools per year that participate in promoting bicycling to school	Above target
15.	Total number of people participating in all special events	Events demonstrate growth every year	Below target
16.	Achieve Bicycle Friendly Community status	Bronze by the end of 2015 and Silver by 2020	On-target
17.	Number of businesses and universities/colleges recognized as	Average of 1 new business or university/college recognized per year	Below target

	Bicycle Friendly by the League of American Bicyclists		
18.	Number of events in which local or regionally recognized opinion leaders present	Six (6) events per year	Below target
19.	Recognize businesses that use bicycles in their promotions	Two (2) recognitions per year	Above target
20.	Adoption of routine accommodation policy and integration into project planning and review process	Adoption of routine accommodation policy by 2014	Completed
20.	Adoption of a Complete Streets Policy	Adoption and integration of a Complete Streets Policy	Completed
20.	Change standard cross-section for arterial streets to include appropriate bicycle facilities	Adoption and integration of arterial street cross sections by 2015	On target
21.	Updating of Unified Zoning Code	By 2015	On target
22.	Create a policy for installing facilities that are isolated segments	Adopt and implement policy by 2014	Completed
23.	Create a policy for reserving space for future facilities (e.g. space for bike lane that is added later).	Adopt and implement policy by 2013.	Completed
24.	Number of gaps (missing link) in the bikeway network completed	Complete a minimum of two gaps per year	On target
25.	Funding of priority stand-alone projects	Fund at least 2 priority stand-alone projects per year	Above target
26.	Meet targets of yearly work plan	As agreed to with the Wichita Bicycle and Pedestrian Advisory Board	Below target
27.	Create a bicycle advisory board	In 2013	Completed
28.	Updating of the Wichita Bicycle Master Plan	Update every 4 years	On target
29.	Bicycle and Pedestrian Advisory Board approves City work plan	Approve annually starting in 2014	On target
30.	Performance measures included in this plan	Meet performance targets	Below target

Wichita Bicycle Master Plan Goals

The City of Wichita has three goals for bicycling in Wichita (from the Wichita Bicycle Master Plan), the goals are listed below.

1. Increase the amount of bicycling in Wichita.
2. Improve the safety of bicycling in Wichita.
3. Foster and promote a culture where bicycling is a viable and acceptable form of transportation.

Goal 1: Increase the amount of bicycling in Wichita

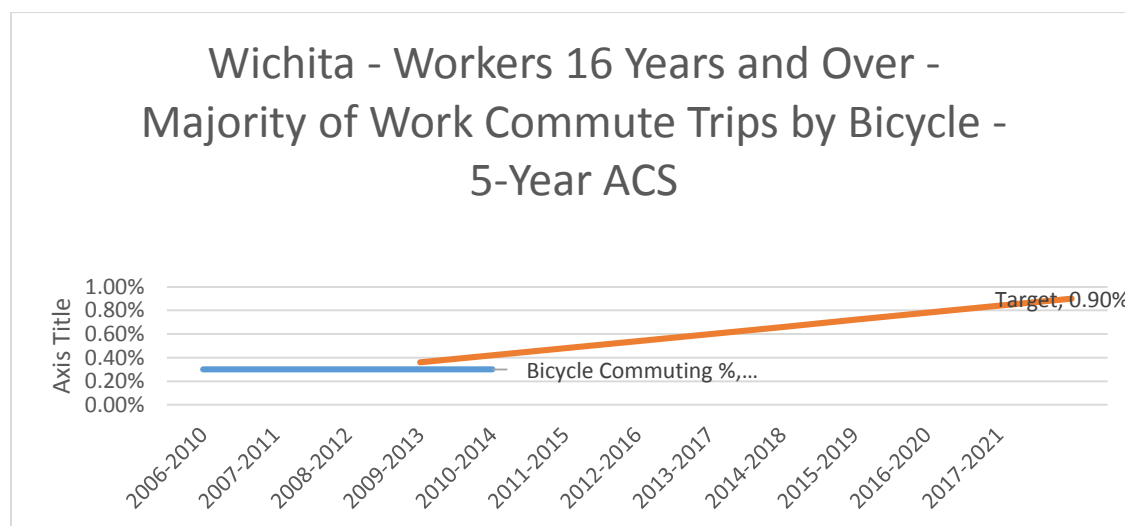
The Plan sets the benchmark for this goal as tripling the amount of bicycling over the next ten years (2012-2022). To monitor progress toward this goal, Strategy 30 of the Plan calls for counting bicyclists on a regular basis, including bi-annual volunteer counts. The City of Wichita utilizes different sources to measure the amount of bicycling in Wichita, they include: census data and manual counts coordinated by the Wichita Metropolitan Area Planning Organization (WAMPO).

2015 Performance: below target

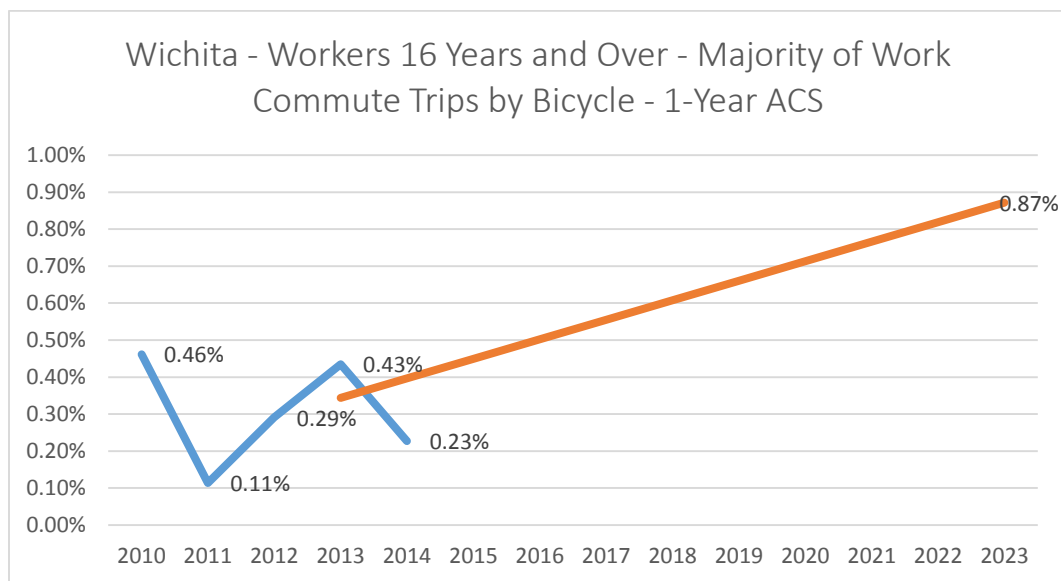
American Community Survey Data

The American Community Survey (ACS) is an annual statistical survey conducted by the US Census Bureau. The ACS samples a small percentage of the population every year to provide estimates for population and related data, including transportation to work. The ACS data includes estimates for the mode of transportation that residents age 16 and over: 1) use most often to travel to work and 2) use to travel the greatest distance during the survey period. The ACS data is generally available the following year after the data is collected (i.e. 2014 data is available in 2015). The ACS data is not a complete look at the amount of bicycling in Wichita since it only reports the principal mode of travel (used most often and for the longest distance) that the worker age 16 years or older usually used to get from home to work during the survey week.

The ACS data are available as 1-year estimates and 5-year estimates. The 5-year estimates provide the greatest accuracy, and the 1-year estimates provide the most current data. Below are graphs showing the results for Wichita.



Margin of error +/- 0.1%

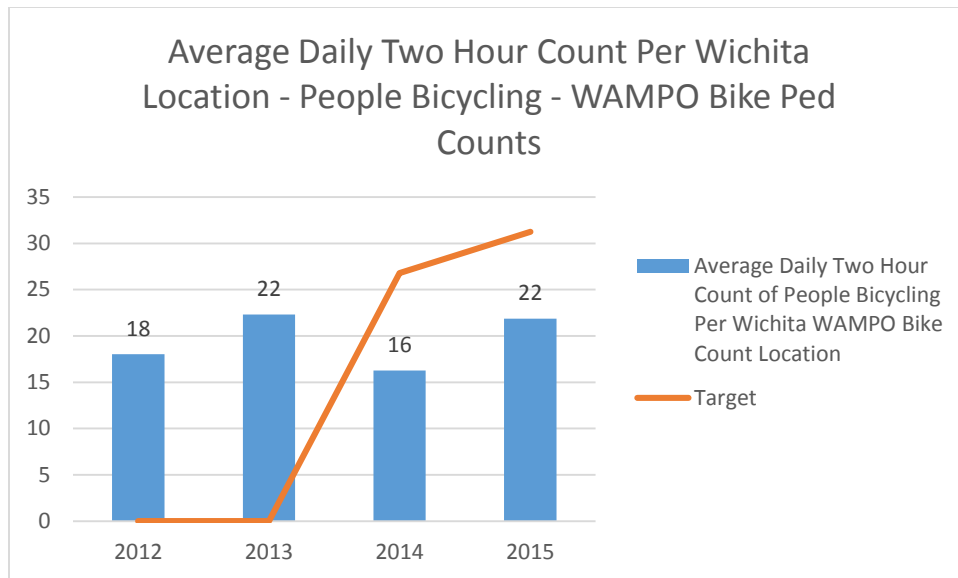


Margin of error +/- 0.3%

Manual Counts

In September of 2012, 2013, 2014, and 2015, the WAMPO organized volunteer counts at various locations throughout the Wichita region. These counts captured bicyclist and pedestrian traffic during one week day between 5:00 PM and 7:00 PM and one weekend day between 12:00 PM and 2:00 PM at various locations throughout Wichita. Using the WAMPO counts, we can get a look at bicycling city-wide and also at specific sites.

To get provide a look at year to year comparisons for bicycling throughout Wichita we utilized the WAMPO results to calculate the average two-hour count per Wichita location. The results of the 2013 and 2014 counts show that bicycling levels are relatively stable in Wichita. The 2015 results are below the performance target of 31 counts of people bicycling per hour per count location. The target is the incremental additional amount of people bicycling per two hour count per count location needed to achieve the 2023 goal of tripling the amount of bicycling in Wichita from 2012 levels. It is important to note that many of the bikeways installed in 2015 were completed late in the year and were not completed during the time of the WAMPO counts.

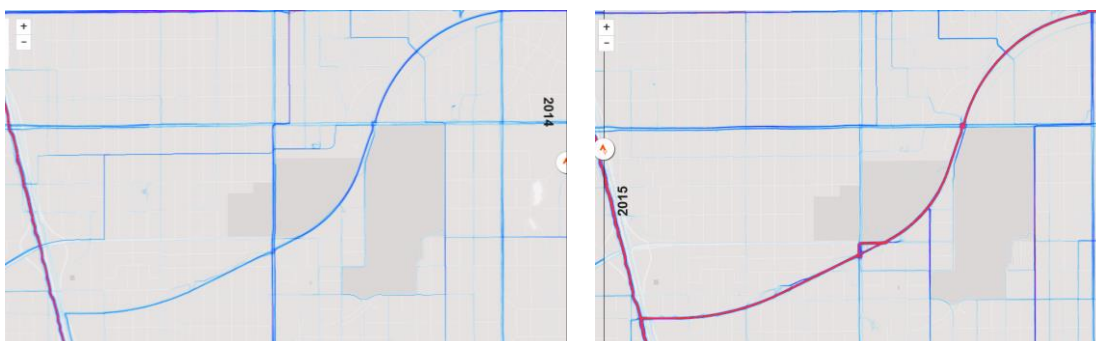


The WAMPO counts also provide an opportunity to compare bicycling levels at each site. In order to do this, we compared the counts at the 14 Wichita locations that were counted in both 2012 and in 2015. Levels of bicycling were flat or increased at eight (8) of the sites. Counts at one site were flat, another site saw counts increase from 0 to 32. Six of the sites saw an average increase of 58 percent.

Strava GPS Data

Strava is a website and smart phone application that people can use to track their activities by uploading GPS data from GPS watches and other mobile devices. Strava has made heat maps of the 2014 and 2015 data uploaded to their website available online. The online [Strava heat maps](#) show both amount and location of bicycling by Strava users. You can use the 2014 and 2015 data to compare the use of the new bikeways installed in 2015. A review of the 2014 and 2015 Strava data shows increased use of routes where the Wichita bikeways were constructed in 2015.

Table 1: Strava 2014 and 2015 Heat Map Comparisons - Redbud Path



Goal 2: Improve the safety of bicyclists in Wichita

The Plan sets the benchmark for this goal as reducing the rate of bicycle crashes by one third by 2023. A crash rate is used because the number of crashes could increase with increased levels of bicycling. A

crash rate can be used to determine if the relative safety is increasing or decreasing over time. The rates are calculated by dividing the number of motor vehicle crashes involving people bicycling (reported by KDOT) by the number of people bicycling. For the purposes of this report, the Census Bureau American Community Survey estimated number of commuters bicycling to work is used to estimate the number of people bicycling. The accuracy of the bicycle crash rate is limited due to the use of ACS commuter data, which has a large margin of error relative to the estimated population of bicycling commuters.

2015 Performance: on target

Bicycling Crash Rate – American Community Survey Data 1-Year Data

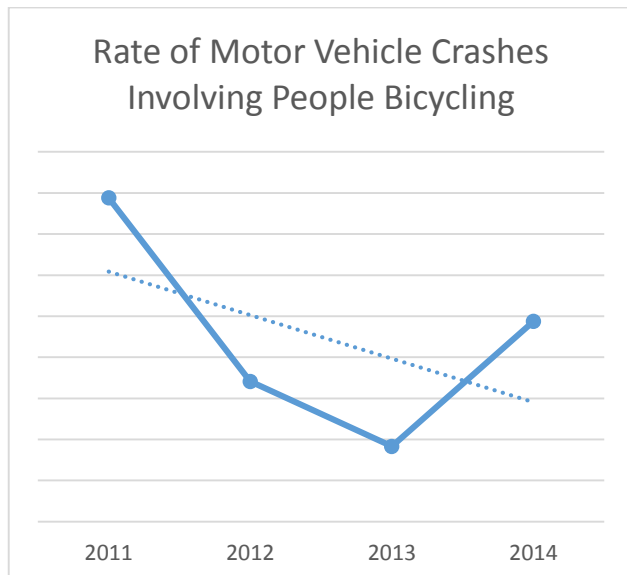
These estimates show that the rate of bicycle crashes has fallen since 2011, but has increased since 2013.

Year	Reported motor vehicle crashes involving bicyclists*	Reported number of fatalities resulting from motor vehicle crashes involving bicyclists	Census ACS 1-Year Estimates Bicycling Commuters**
2011	80	0	203
2012	88	1	516
2013	70	0	765
2014	97	2	398
2015***	96	3	

* Source: KDOT

** Source: Census ACS 1-Year Estimates

*** Preliminary data - not complete, source WPD



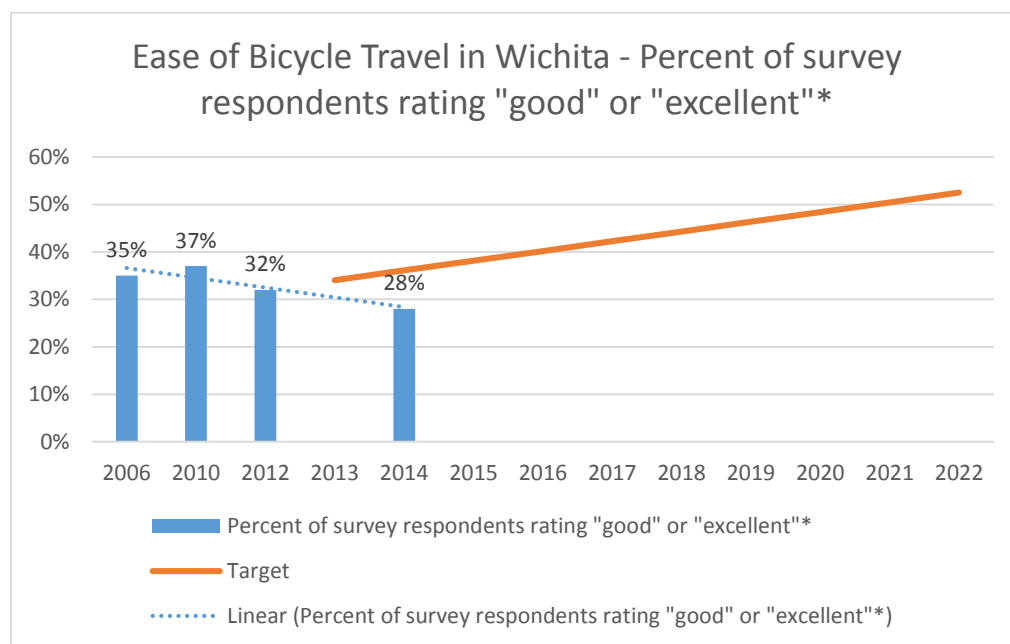
Goal 3: Foster and promote a culture where bicycling is a viable and acceptable form of transportation

The Plan sets the benchmark for this goal as increasing by 50 percent over the next ten years.

2015 Performance: inconclusive - more data needed. The City is conducting a Citizen Survey in 2016.

National Citizen Survey

To monitor progress toward this goal, Plan recommends monitoring the percent of National Citizen Survey respondents that rate the ease of bicycle travel in Wichita as “excellent” or “good”. The National Citizen Survey was conducted in Wichita during 2006, 2010, 2012, and 2014. The survey is scheduled to be conducted again in early 2016.



* Source: National Citizen Survey

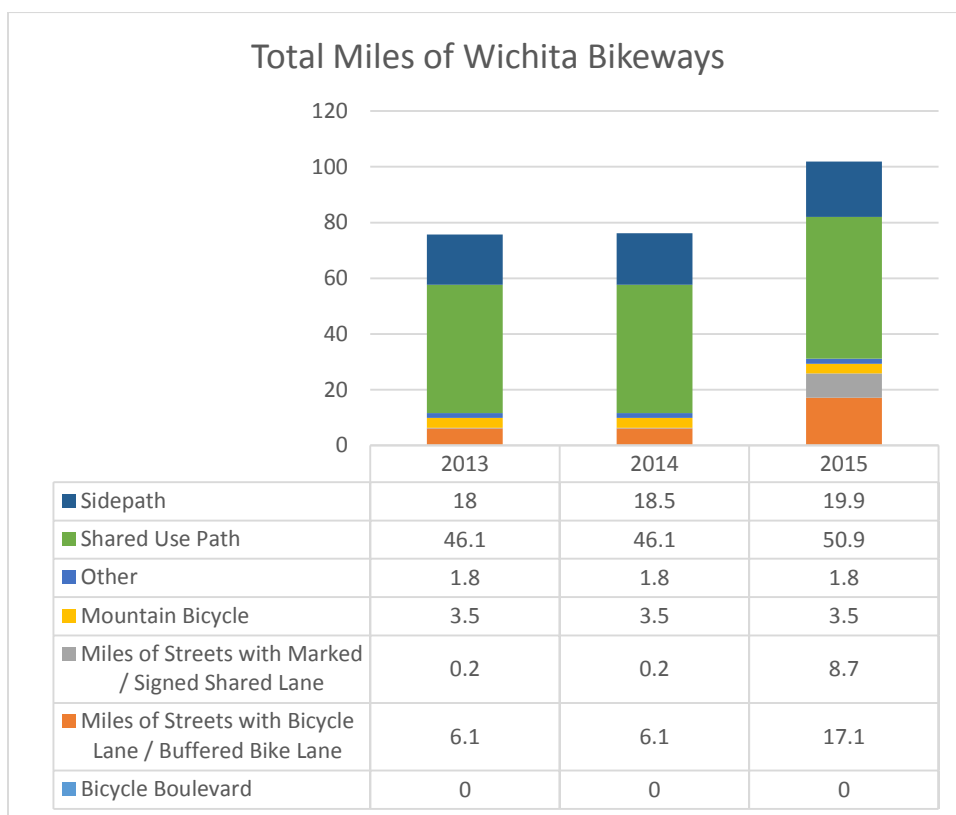
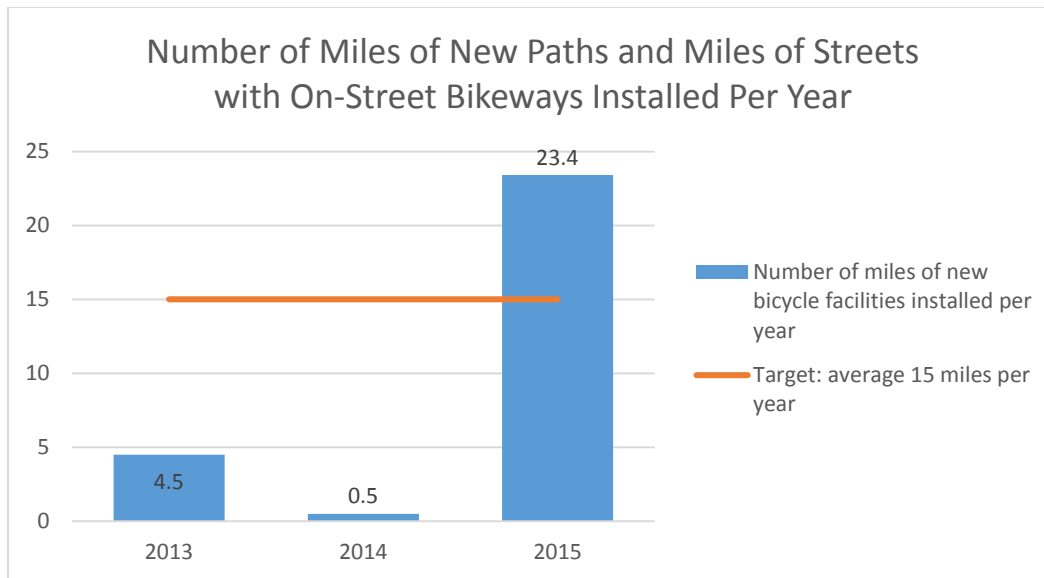
Margin of error +/- 5%

Wichita Bicycle Master Plan Strategies

Chapter 6 of the Plan identifies the performance measures for implementation of the Plan. Below is a listing of the performance measures results for 2015, listed according to the Plan strategies.

Strategy 1: Provide bicycle facilities on designated streets and off-street bicycle facilities

Performance Measure	Performance Target	2015 Performance
Number of miles of new facilities installed	Average of 15 miles per year	On-target



Note: the number of miles of on-street bikeways shows miles of street centerlines (not the actual miles of bike lanes)

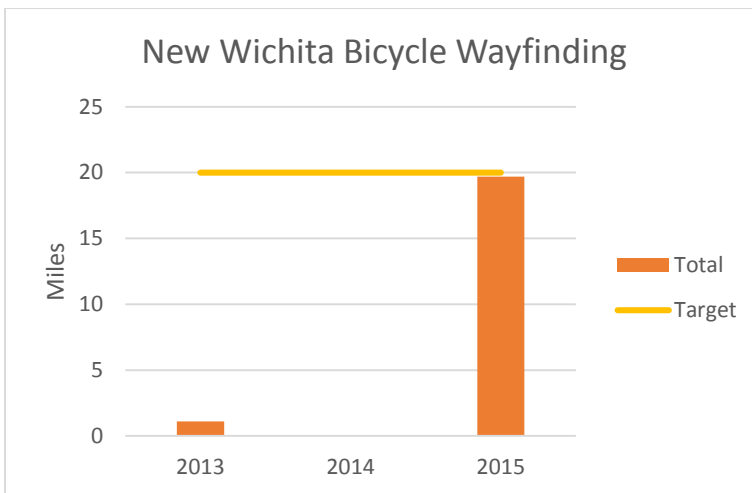
2015 Activity

- The City of Wichita completed the following projects (approximate mileage).
 - Schweiter Bikeway (2.5 miles)

- Sycamore Bikeway (2.1 miles)
- Armour Bikeway (4.8 miles)
- Redbud Path – I-135 to Oliver (2.6 miles)
- Redbud Path – Oliver to Woodlawn (1 mile)
- Great Plains Nature Center Path (0.5 miles)
- Market and Topeka Bike Lanes (6.3 miles)
- 1st and 2nd Street Bike Lanes (3.6 miles)

Strategy 2: Install a Signed Bicycle Route Wayfinding System

Performance Measure	Performance Target	2015 Performance
Number of miles of signed bicycle routes	Average of 20 miles /year	On-target

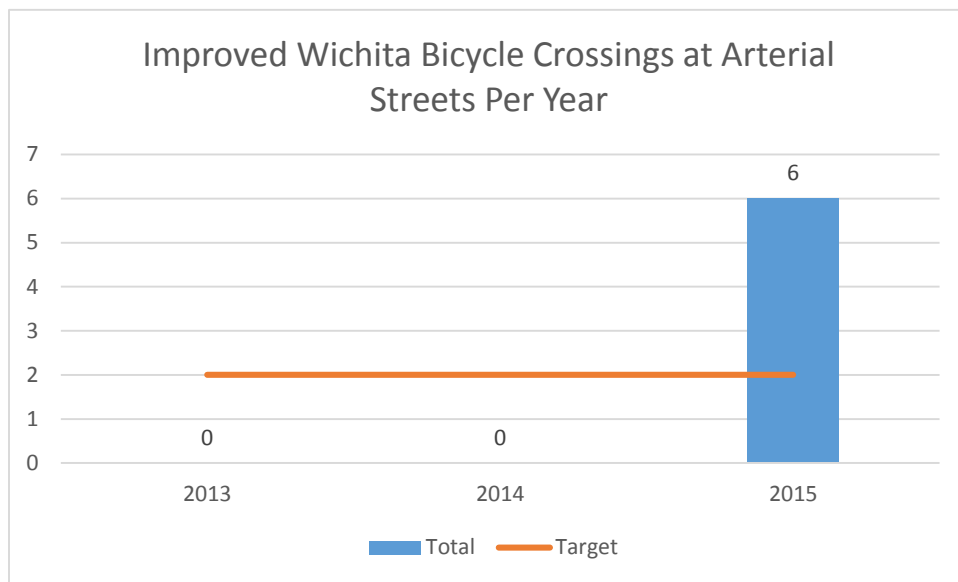


2015 Activity:

- The City partnered with Together Wichita to install approximately wayfinding signage along approximately 10-miles of the K-96 Path.
- As part of bikeway projects, the City installed approximately 9.7 miles of bicycle wayfinding signage in 2015.
- The City was awarded funding from the Kansas Health Foundation to develop the Wichita Bicycle Wayfinding System Plan.
- The City partnered with Health ICT to fund the design and installation of bicycle wayfinding in 2016.

Strategy 3: Improve bicycle safety and access at arterial roadway crossings

Performance Measure	Performance Target	2015 Performance
Number of roadway crossing improvements	Average of 2 crossing improvements per year	On-target

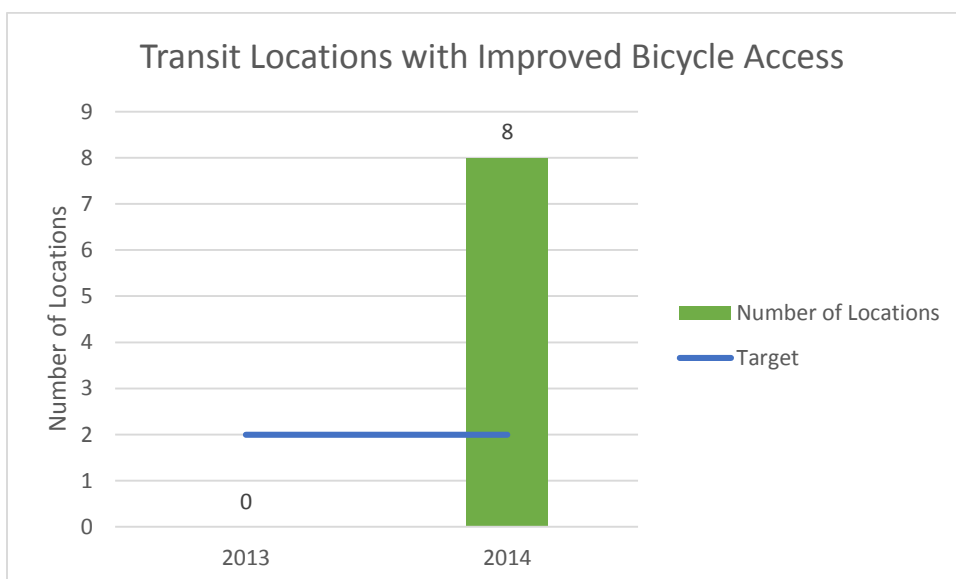


2015 Activity:

- The following projects included crossing improvements at arterials for bikeways.
 - Armour Bikeway (4 crossings)
 - Schweiter Bikeway (1 crossing)
 - Redbud Path (1 crossing)

Strategy 4: Improve bicycle access to transit

Performance Measure	Performance Target	2015 Performance
Number of locations with improved bicycle access	Average of two (2) per year	Below target

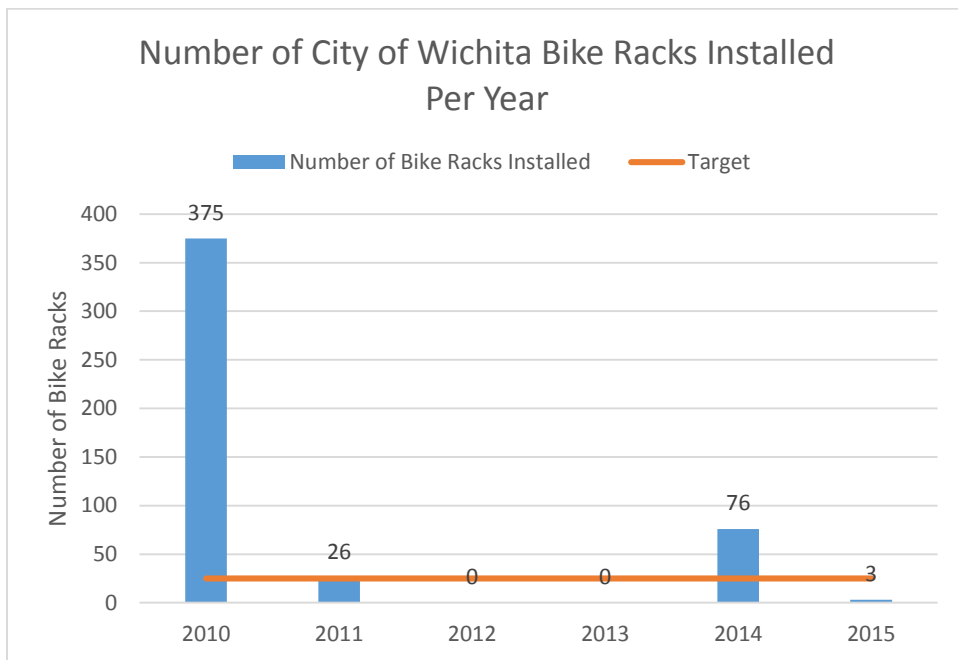


2015 Activity:

- None

Strategy 5: Increase the availability of bicycle parking throughout Wichita

Performance Measure	Performance Target	2015 Performance
Number of bike racks installed	Install an average of 25 bike racks per year	Below target



2015 Activity:

- The City installed bicycle racks as part of the following projects.
 - Tennis Center (3 racks)

Strategy 6: Determine if a bike share program would be good for Wichita

Performance Measure	Performance Target	2015 Performance
Study completed	Study completed	Below target

Performance Measure:

Performance Target: Study completed

2015 Activity:

- The City of Wichita applied for funding to undertake a feasibility study for a possible bike share program on and around the Wichita State University campus. The grant application was unsuccessful.

Strategy 7: Prioritize and fund bicycle facility maintenance

Performance Measure	Performance Target ¹	2015 Performance
Existing bicycle facilities maintained	<p>Sweep on-street bicycle facilities coincident with the sweeping of the streets where they are located, as follows:</p> <p>Residential streets: 1-3 times/year</p> <p>Arterial streets: 8 times/year</p> <p>Core-area streets: 2 times/week</p>	On-target

2015 Activity:

- Below is a table that shows the frequency of on-street bicycle facility sweeping in 2015.

Bicycle Facility	Street Classification	Number of Sweeping Activities
Mt Vernon Bike Lanes - Greenway Blvd to Broadway St.	Arterial	3 times/year
Westdale Bike lanes – 21 st St to Zoo Blvd	Residential	3 times/year
1 st St and 2 nd St – Washington to Edgemoor	Arterial	12 times/year
1 st St and 2 nd St – Waco to Seneca	Core-area	104 times/year
1 st St and 2 nd St – Waco to Washington	Core-area	104 times/year
21 st Street Bikeways near 135th St.	Arterial	1 time/year
Brooks Ave Bikeway – Terrace Dr to Fountain Ave	Residential	3 times/year
Southeast Drive Bikeway – Pawnee St to Wassal St	Residential	3 times/year
Market and Topeka – Kellogg to Central Ave	Core-area	104 times/week
Market and Topeka – Orme St to Kellogg	Core-area	104 times/week
Market and Topeka – Central Ave to 17 th St	Arterial	3 times/year
Market and Park Place – 17 th St to 21 st St	Arterial	3 times/year
17 th St – Park Place to Topeka	Residential	3 times/year
Armour Bikeway	Residential	2 times/year
Sycamore Bikeway	Core-area	104 times/year
Schweiter Bikeway	Residential	3 times/year

Performance Measure	Performance Target ²	2015 Performance
Existing bicycle facilities maintained	Inspect and repaint on-street bicycle facilities as needed; or	On-target

¹ The Wichita Bicycle Master Plan endorsed by the City Council in 2013 includes the performance measure for sweeping bike lanes six times per year. For the purpose of this report and following extensive staff discussions, the performance measure tracked in 2014 has been changed.

² The Wichita Bicycle Master Plan endorsed by the City Council in 2013 includes the performance measure bike lanes/shared lane markings re-painted every two years. For the purpose of this report and following extensive staff discussions, the performance measure tracked in 2014 has been changed.

	repaint bike lanes coincident with the repainting of other pavement markings on the streets.	
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2015 Activity:

- 1st and 2nd Street Bike Lanes striping and markings from Grove to Edgemoor were repainted one time.

Performance Measure	Performance Target	2015 Performance
Existing bicycle facilities maintained	1 major maintenance project in the CIP	Below target

2015 Activity:

- No major maintenance activities are identified in the 2015-2024 Capital Improvement Program.

Strategy 8: Incorporate the facility recommendations from this plan into the WAMPO Metropolitan Transportation Plan and other related plans

Performance Measure	Performance Target	2015 Performance
Incorporate facility recommendations into other plans	Number of official plans that incorporate one or more facility recommendations from the Bicycle Master Plan.	On-target

2015 Activity:

- In 2015, the City Council adopted the Wichita Community Investments Plan as the new comprehensive plan for the City of Wichita. It recommends implementation of the Wichita Bicycle Master Plan as a strategy.

Strategy 9: Provide printed, online, and mobile device bicycling guides

Performance Measure	Performance Target	2015 Performance
Develop map	Develop map by 2015	On-target

2015 Activity:

- The City of Wichita partnered with Health ICT to request funding to develop and print an updated Greater Wichita Bicycle Map in 2016. The funding request was successful.

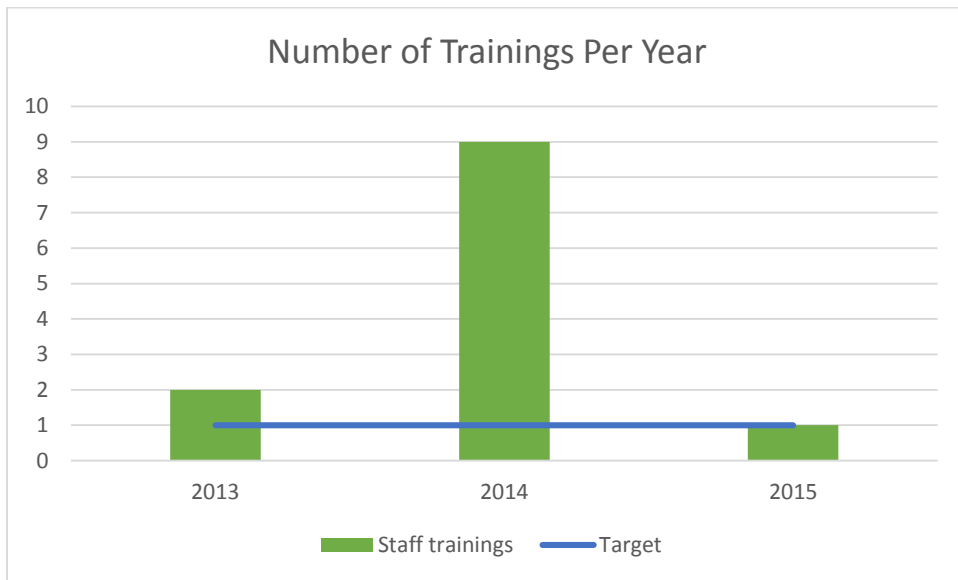
Performance Measure	Performance Target	2015 Performance
Develop online-wayfinding map	Develop by 2018	On-target

2015 Activity:

- None

Strategy 10: Educate Wichita transportation system professionals and users about new bicycle facility types, planning, design and bicycle-related issues that may arise

Performance Measure	Performance Target	2015 Performance
Number of trainings held each year	Minimum of 1 professional training every year	On-target



2015 Activity:

- The League of American Bicyclists LCI Seminar on October 3, 2015 was held in Wichita and two Wichita staff members attended.

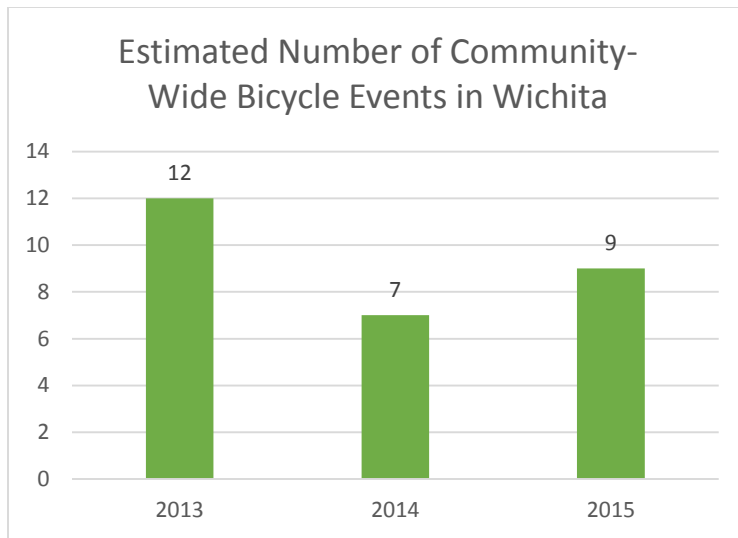
Performance Measure	Performance Target	2015 Performance
Number of educational events held each year	Two (2) public events per year	Below target

2015 Activity:

- In 2015, the City did not staff a table/display with information about bicycling in Wichita at relevant community events.

Strategy 11: Promote bicycle education and encouragement in Wichita through partnerships with community organizations and businesses

Performance Measure	Performance Target	2015 Performance
Growth of community-wide bicycling events per year	Bicycling events grow each year	Below target

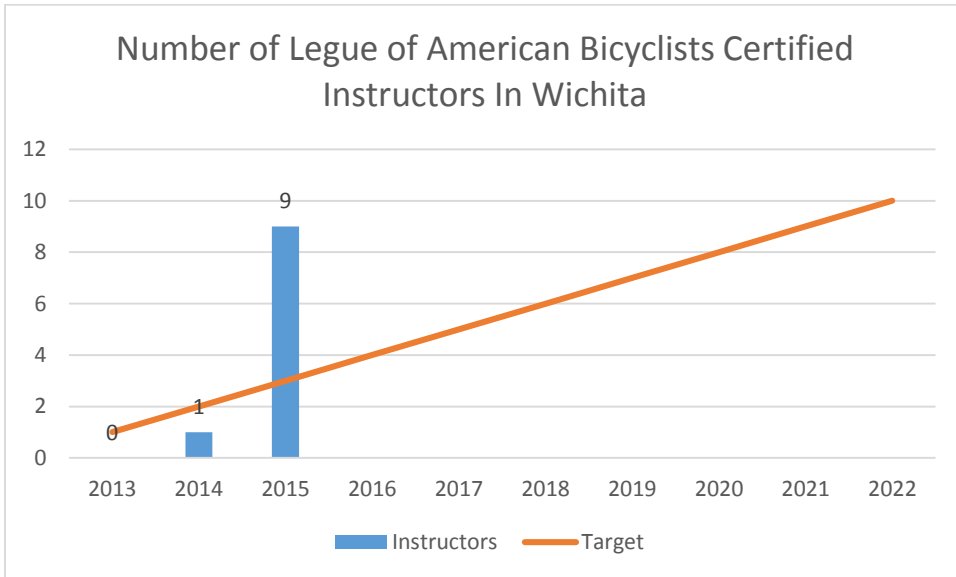


For the purposes of this report and for the sake of efficiency, the number of community-wide bicycle events per year was estimated by looking up the bicycle rides and events held in Wichita on the Kansas Cyclist website. The following activities and events were listed for 2015.

Activities:

- [Tour de Cure: Wichita \(Wichita, KS\) 2015-05-09](#)
- [Miller Maurader's Monster Mash \(Wichita, KS\) 2015-10-25](#)
- [PedalFest \(Wichita, KS\) 2015-08-22](#)
- Bulls on Parade (Wichita, KS) 2015-03-21
- Rage of Oz (Wichita, KS) 2015-04-25
- Roll Right (Wichita, KS) 2015-05-02
- [Ride of Silence - Wichita \(Wichita, KS\) 2014-05-21](#)
- [Bishop's Bicycle Challenge \(Wichita, KS\) 2014-06-21](#)
- Kansas Adaptive Cycling Omnium (Wichita, KS) 2015-05-29

Performance Measure	Performance Target	2015 Performance
Number League Certified Instructors through the League of American Bicyclists)	Average of 1 new League Certified Instructor per year	Above-target



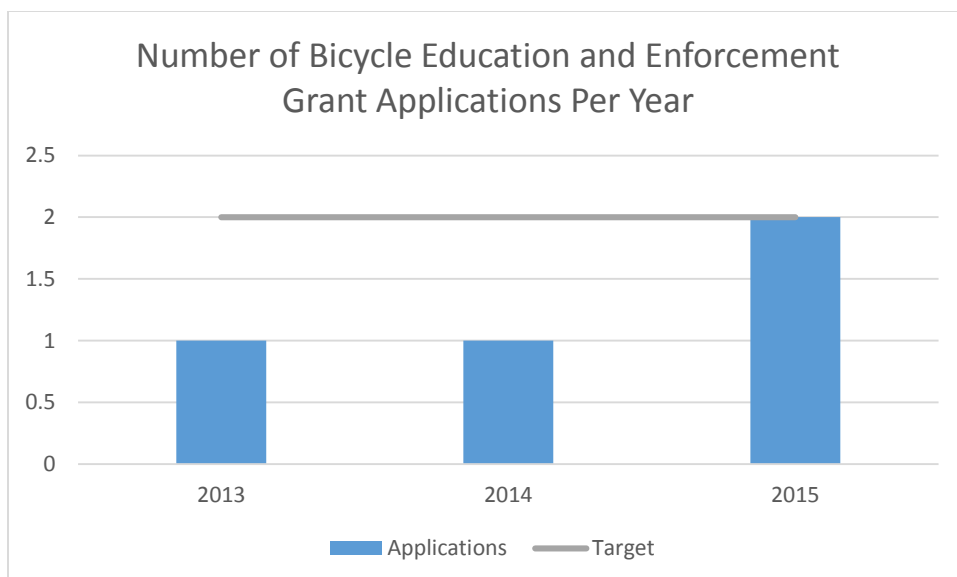
For the purpose of this report this performance measure tracks progress by the number of League Certified Instructors (LCI) residing in the City of Wichita, as reported by the League of American Bicyclists' website. Please note that this performance measure is based on the description in Strategy 11 (Chapter 4) of the Wichita Bicycle Master Plan.

2015 Activity:

- Bike Walk Wichita, in association with the City of Wichita Street Safety Education Initiative, organized a LCI seminar – as an opportunity for individuals to become LCIs.

Strategy 12: Support efforts to obtain funding for bicycle education and enforcement programs

Performance Measure	Performance Target	2015 Performance
Number of grant applications	Support a minimum of 2 funding applications per year	On-target



2015 Activity:

- The City submitted and was awarded two rounds of federal transportation safety funding from KDOT for the purchase and distribution of bicycle safety equipment and educational materials.

Strategy 13: Increase enforcement of bicyclist and motorist behavior to reduce bicycle and motor vehicle crashes

Performance Measure	Performance Target	2015 Performance
Consensus between Bicycle Advisory Board, City staff, and Wichita Police Department on enforcement priorities	Meeting notes or memo that outlines a consensus on enforcement priorities	Below target

2015 Activities:

- None

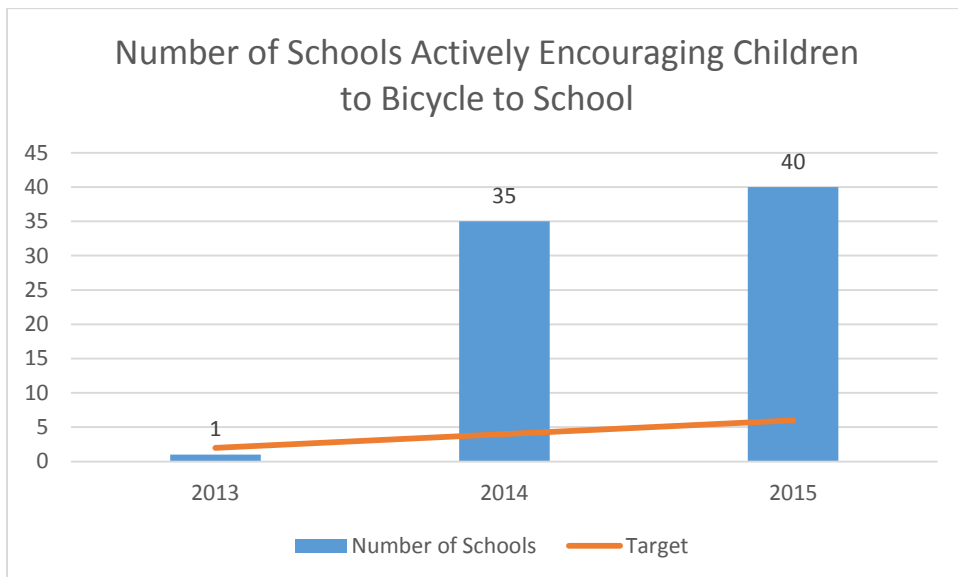
Performance Measure	Performance Target	2015 Performance
Number of warnings or citations targeting road user behaviors that compromise bicycle safety	Record of at least one meeting per year between the Bicycle Advisory Board, City staff, and the Wichita Police Department to review results of enforcement efforts	Below target

2015 Activities

- None

Strategy 14: Work with school districts to develop collaborative partnerships to encourage children to bike to school

Performance Measure	Performance Target	2015 Performance
Number of schools actively encouraging children to bike to school	Add 2 schools per year that participate in promoting bicycling to school	Above target



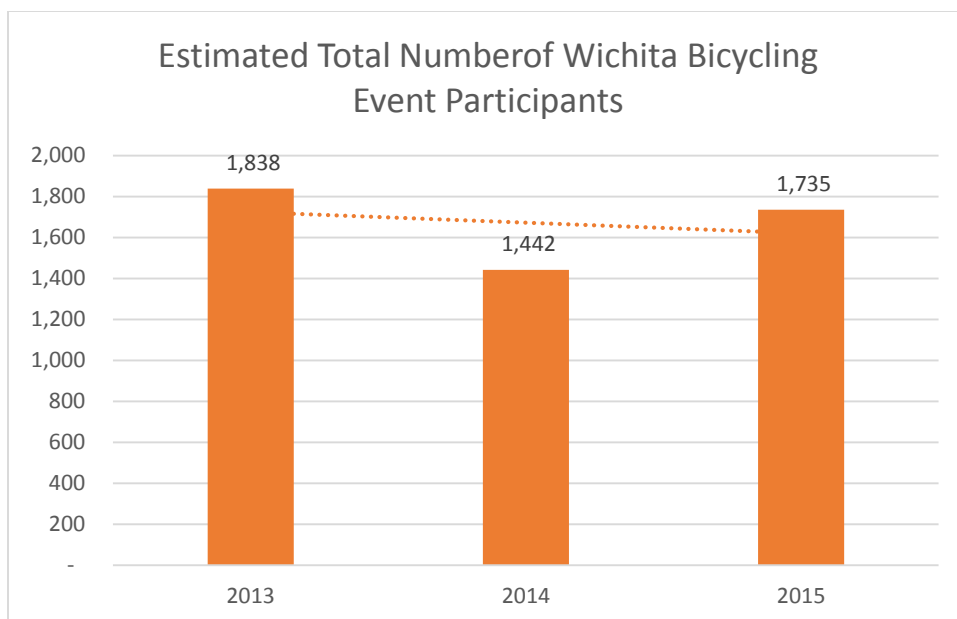
In 2013 and 2014, Safe Kids Wichita Area was the lead organization coordinating Bike to School Day events in Wichita.

2014 Activity:

- The number of schools participating in Bike to School Day increased by 34 schools, exceeding the performance target.

Strategy 15: Coordinate increased participation in bicycling events in the Wichita area

Performance Measure	Performance Target	2015 Performance
Total number of people participating in all special events	Events demonstrate growth every year	Below target



For the purposes of this performance measure the Wichita Bicycling events were identified by viewing the list on the Kansas Cyclist website. The estimated number of event participants was collected by contacting each of the event organizers.

2015 Activity:

- The total number of Wichita bicycling event participants increased approximately 20 percent from 2014 to 2015.

Strategy 16: First achieve LAB's Bicycle Friendly Community bronze and then silver status designation

Performance Measure	Performance Target	2015 Performance
Achieve BFC status	Bronze by end of 2015, Silver by 2020	Below target

Activity:

- On June 3, 2014, the Wichita City Council approved the submission of a Bicycle Friendly Community application by the City.
- On February 12, 2015, the City of Wichita submitted a Bicycle Friendly Community application.
- On June 2, 2015, the League of American Bicyclists notified the City that it was recognized with Honorable Mention.

Strategy 17: Work with area businesses and colleges to engage them in the League of American Bicyclists recognition program

Performance Measure	Performance Target	2015 Performance
Number of businesses and university/colleges recognized as “Bicycle Friendly” by the League of American Bicyclists (LAB)	Average of 1 new business or university/college recognized per year	On-target

2015 Activity:

- In 2015, Bicycle X-Change was recognized by the League of American Bicyclists as a Silver Bicycle Friendly Business.

Strategy 18: Enlist opinion leaders in promoting bicycling (e.g., Speakers bureau)

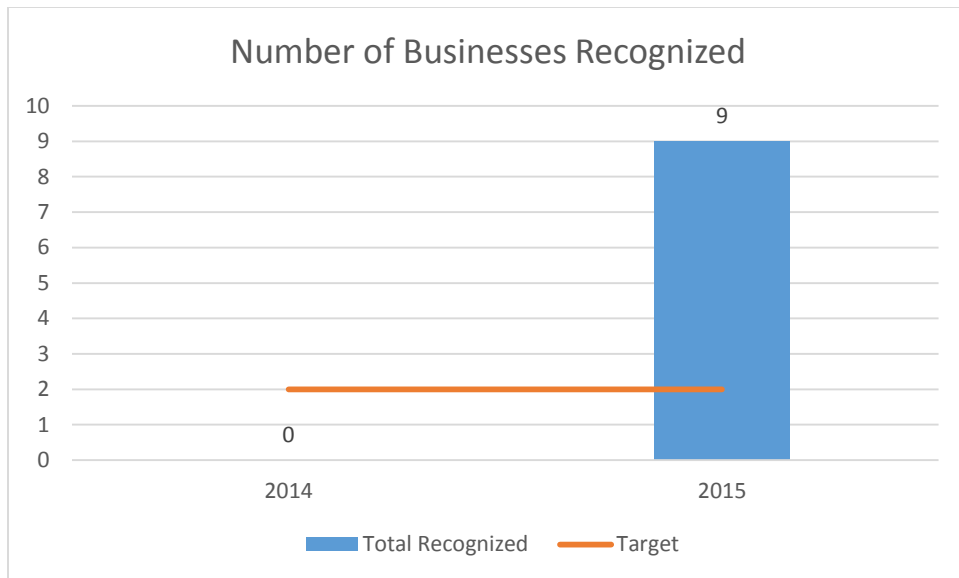
Performance Measure	Performance Target	2015 Performance
Number of events in which local or regionally recognized opinion leaders present	6 events per year	Below target

2015 Activity:

- None

Strategy 19: Engage area businesses in using bicycles in their advertising and other promotions

Performance Measure	Performance Target	2015 Performance
Recognize businesses that use bicycles in their promotions	2 recognitions per year	Above target



Activity: The following businesses were recognized in 2015 by the WBPAB.

- Continental Cyclery
- Reverie Coffee Shop
- Heartland Bicycles
- Fork and Fennel Restaurant
- Apostle Bike Works
- Bicycle Peddler
- Bicycle X-Change
- Tom Sawyer Bicycle Shop
- L&M Cycle and Fitness

Strategy 20: Adopt policies to ensure that the City's project planning and review processes account for bicycle facilities

Performance Measure	Performance Target	2015 Performance
Adoption of routine accommodation policy and integration into project planning and review processes	Adoption of routine accommodation policy by 2014	Completed

2015 Activity:

- A Multi-Modal Work Group of City staff met six times.

Performance Measure	Performance Target	2015 Performance
Adoption of a Complete Streets Policy	Adoption and integration of a Complete Streets Policy by 2016	Completed

Activity:

- On December 2, 2014, the Wichita City Council approved resolution 14-341, endorsing the Wichita Multi-Modal Policy. The Multi-Modal Policy directs City staff to consider multiple forms of transportation (i.e. walking, bicycling, transit, etc.) during construction and maintenance activities.

Performance Measure	Performance Target	2015 Performance
Adoption of a Complete Change standard cross-section for arterial streets to include appropriate bicycle facilities	Adoption and integration of arterial street cross sections by 2015	On-target

Activity:

- On December 2, 2014, the Wichita City Council approved resolution 14-341, endorsing the Wichita Street Design Guidelines. The Street Design Guidelines provide design guidance for public streets, including arterial streets. The document includes descriptions of Wichita best practices and guidance for implementation of the Multi-Modal Policy.

Strategy 21: Update the Unified Zoning Code to provide incentives for both office and retail developments/redevelopments to provide secure and conveniently located bicycle parking

Performance Measure	Performance Target	2015 Performance
Updating of Unified Zoning Code	By 2015	Below target

2015 Activity:

- None

Strategy 22: Create policy for installing facilities that are isolated segments

Performance Measure	Performance Target	2015 Performance
Create policy	Adopt and implement policy by 2013	Completed

2014 Activity:

- On December 2, 2014, the Wichita City Council approved resolution 14-341, endorsing the Wichita Street Design Guidelines. The Street Design Guidelines provide design guidance for public streets, including arterial streets. The document includes descriptions of Wichita best practices and guidance for implementation of

the Multi-Modal Policy, including guidance for installation of facilities that are isolated segments.

Strategy 23: Create policy for reserving space for future facilities (e.g., space for bike lane that is added later)

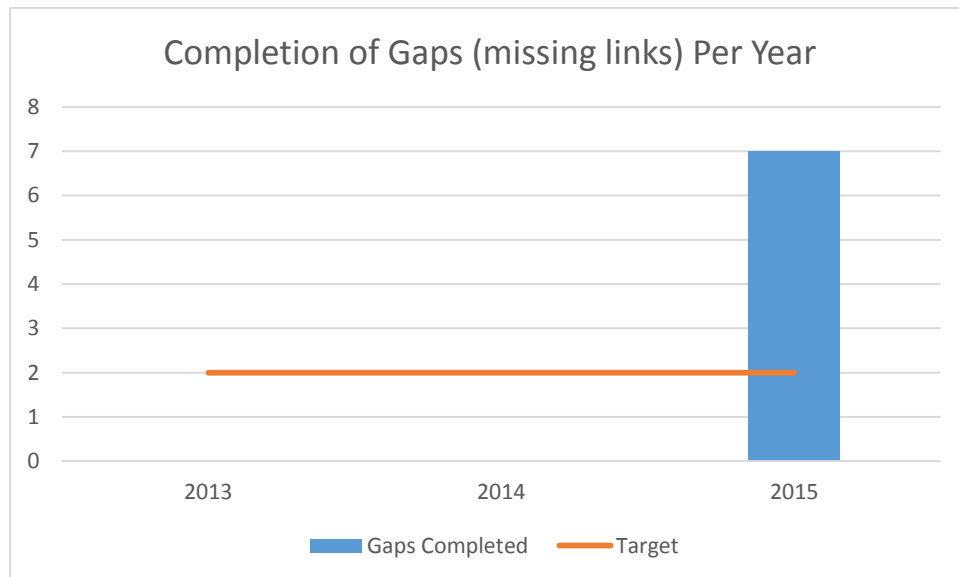
Performance Measure	Performance Target	2015 Performance
Create policy	Adopt and implement policy by 2013	Completed

Activity:

- On December 2, 2014, the Wichita City Council approved resolution 14-341, endorsing the Wichita Street Design Guidelines. The Street Design Guidelines provide design guidance for public streets, including arterial streets. The document includes descriptions of Wichita best practices and guidance for implementation of the Multi-Modal Policy, including guidance for reserving space for future facilities.

Strategy 24: Prioritize funding to complete gaps (missing links) in the bikeway network

Performance Measure	Performance Target	2015 Performance
Number of gaps completed	Complete a minimum of two gaps per year	On target



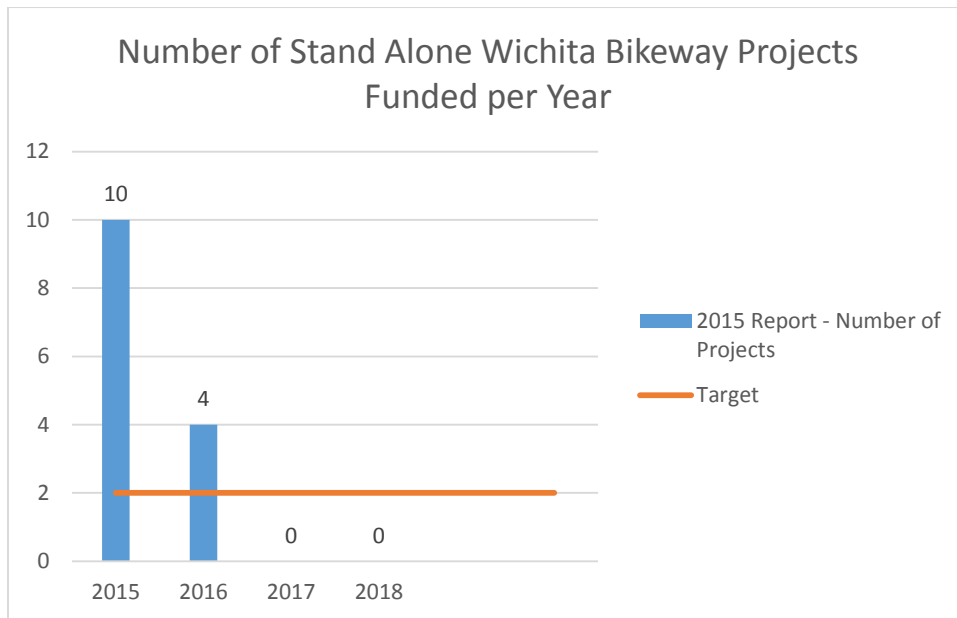
2015 Activity:

- The bikeways installed in 2015 completed seven (7) gaps/missing links between bikeways.

Strategy 25: Fund through CIP, annual programs and grants

Performance Measure	Performance Target	2015 Performance
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Funding of priority stand-alone projects	Fund at least 2 priority stand-alone projects per year	Above target
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For the purposes of this performance measure, the following definitions apply.

Stand Alone: a category of project that is not undertaken as part of other project (i.e. adding bike lanes as part of a road resurfacing project).

Project: an on or off-street bikeway new construction project that is undertaken by the City of Wichita and/or connects to the City of Wichita Bicycle Network.

Funded: 1) non-City funding award(s) programmed (i.e. federal Transportation Alternatives, CMAQ, etc.); 2) project specific line item in the City CIP for the identified year that includes bicycle facilities; or 3) City Council approved construction contract for projects that do not meet the prior to criteria.

The timeframe for this performance measure is 2018, the last year of the most recent Wichita Area Metropolitan Area Planning Organization (WAMPO) 2015 Transportation Improvement Plan (TIP). The WAMPO TIP programs federal transportation funding for the Wichita region.

Below is a brief listing of the title of the projects and the years in which they meet the criteria above.

2015 Redbud - I-135 to Oliver
 2015 Redbud - Oliver to Woodlawn
 2015 1st and 2nd Streets - Grove to Seneca
 2015 Market and Topeka - 21st St. to Kellogg
 2015 Armour Bicycle Boulevard
 2015 Sycamore Bikeway

- 2015 Schweiter Bikeway
- 2015 K-96 Path at Chisholm Creek and GPNC
- 2015 Redbud - Andover
- 2015 Aviation Pathway

- 2016 Market and Topeka - 21st St. to Kellogg
- 2016 9th and Mclean Blvd Crossing
- 2016 Green Street Bikeway
- 2016 17th and 18th St. Bikeway

2015 Activity:

- The City of Wichita constructed 8 bikeway projects in 2015.

Strategy 26: Allocate staffing to implement this plan

Performance Measure	Performance Target	2015 Performance
Meet targets of yearly work plan	As agreed to with the Wichita Bicycle and Pedestrian Advisory Board	Below target

2015 Activity:

- It is estimated that the City of Wichita accomplished approximately 84 percent of the activities identified in the Wichita Bicycle Master Plan 2015 Annual Implementation Work Plan.

Strategy 27: Create a bicycle advisory board

Performance Measure	Performance Target	2015 Performance
Create a bicycle advisory board	In 2013	Completed

2015 Activity:

- On February 5, 2013, the City Council approved Ordinance 49-441, creating the Wichita Bicycle and Pedestrian Advisory Board.

Strategy 28: Update the bicycle master plan on a regular basis

Performance Measure	Performance Target	2015 Performance
Updating of Wichita Bicycle Master Plan	Update every 4 years	On target

2015 Activity:

- On August 10, 2015, the WBPAB approved a motion to update the list of top priority off-street bicycle facilities in the Wichita Bicycle Master Plan. The update was not presented to the City Council in 2015 and the WBPAB subsequently approved a revised update recommendation in early 2016.

Strategy 29: Publish an annual implementation work plan

Performance Measure	Performance Target	2015 Performance
Bicycle and Pedestrian Advisory Board approves City work plan	Approve annually starting in 2014	On target

Activity:

- The City of Wichita published a Wichita Bicycle and Pedestrian Advisory Board approved work plan in 2015.

Strategy 30: Establish performance measures to monitor progress

Performance Measure	Performance Target	2015 Performance
Performance measures included in this plan	Meet performance targets	On target

Activity: None

- The City of Wichita published a 2014 Wichita Bicycle Master Plan Annual Implementation Report.

ⁱ The WBPAB notes that in order to complete the 30 miles of bike lanes recommended in the Wichita Bicycle Master Plan Priority Bicycle Network by 2023, the City will need to install an average of 3 bike lanes per year. In 2015, 11 miles of bicycle lanes were installed.

ⁱⁱ The WBPAB notes that in order to complete the 72 miles of shared lane markings and 124 miles of bicycle boulevards recommended in the Wichita Bicycle Master Plan Priority Bicycle Network by 2023, the City will need to install an average of 7.2 miles of shared lane markings and 12.4 miles of bicycle boulevards per year. In 2015, 8.5 miles of bicycle boulevards and shared lane markings were installed.

ⁱⁱⁱ The WBPAB notes that 2.5 miles of the shared use paths identified for construction in 2015 were identified for construction in 2013 when the Wichita Bicycle Master Plan was approved. In order to complete the 4.5 miles of shared use path recommended in the Plan Priority Bicycle Network by 2023, the City will need to install an average of 0.4 miles of shared use path per year. In 2015, 4.8 miles of shared use paths along the Priority Bicycle Network were installed.

^{iv} The WBPAB notes that in order to complete the 11.6 miles of side paths recommended in the Wichita Bicycle Master Plan Priority Bicycle Network by 2023, the City will need to install an average of 1.2 miles of side paths per year. In 2015, the City installed 1.4 miles of Priority Bicycle Network side paths.

^v The WBPAB notes that in order to complete the approximately 144 miles of on-street bicycle facilities recommended in the Wichita Bicycle Master Plan Priority Network, the City will need to design an average of 14 miles of on-street bicycle facilities per year.